

AMENDED IN ASSEMBLY APRIL 17, 2006

CALIFORNIA LEGISLATURE—2005–06 REGULAR SESSION

**ASSEMBLY BILL**

**No. 2515**

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**Introduced by Assembly Member Ruskin**

February 23, 2006

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An act to ~~add Section 25401.9 to the Public Resources Code, amend Section 25402 of, and to add Section 25401.9 to, the Public Resources Code, to amend Section 381 of, and to add Section 2714.5 to the Public Utilities Code,, the Public Utilities Code, and to amend Section 10631 of,~~ and to add Chapter 11 (commencing with Section 560) to Division 1 of, the Water Code, relating to water conservation.

LEGISLATIVE COUNSEL'S DIGEST

AB 2515, as amended, Ruskin. Water conservation.

(1) Existing law requires the State Energy Resources Conservation and Development Commission (*Energy Commission*), after one or more public hearings, to take specified action to reduce the wasteful, uneconomic, inefficient, or unnecessary consumption of energy. Existing law requires the commission, by January 1, 2004, to amend specified regulations to require that residential clothes washers manufactured on or after January 1, 2007, be at least as water efficient as commercial clothes washers, and to take certain other related action.

This bill would require the ~~commission~~ *Energy Commission* to establish water efficiency standards for residential and commercial water-using appliances and other ~~products~~ *water-using applications*. The bill would require the ~~commission~~ *Energy Commission* to prepare and submit to the Legislature a report that sets forth recommendations regarding the utilization of water use ratings for those appliances and

products. *The bill would require the Energy Commission, before January 1, 2008, after one or more public hearings, to prescribe, by regulation, water conservation design standards for new residential and nonresidential buildings to reduce energy and water consumption.*

*(2) Under the Public Utilities Act, the Public Utilities Commission (PUC) requires electrical corporations to identify a separate rate component to fund programs that enhance system reliability and provide in-state benefits. This rate component is a nonbypassable element of local distribution and collected on the basis of usage. The funds are collected to support cost-effective energy efficiency and conservation activities, public interest research and development not adequately provided by competitive and regulated markets, and renewable energy resources.*

*This bill would provide that cost-effective energy efficiency and conservation activities include hot and cold water efficiency programs.*

~~(2)~~

*(3) Existing law authorizes the ~~Public Utilities Commission~~ PUC to regulate public utilities, including water corporations.*

*This bill would require the ~~commission~~ PUC to prepare and submit to the Legislature a report that describes and recommends an accounting method for evaluating the direct financial costs and benefits of water conservation and efficiency programs to customers of water corporations subject to the jurisdiction of the ~~commission~~ PUC. The bill would require the ~~commission~~ PUC to include in the report recommendations with regard to the implementation of one or more water conservation and efficiency programs, consistent with the policy objectives of the PUC's Water Action Plan, adopted December 15, 2005.*

~~(3)~~

*(4) Under existing law, state bond funds are allocated for a broad range of water projects and programs.*

*This bill would prohibit the allocation of state bond funds to a water supplier for a water project or program unless the supplier has ~~adopted~~ implemented specified best management practices.*

*(5) Existing law requires an urban water supplier, as defined, to prepare and update every 5 years an urban water management plan for submission to the Department of Water Resources. Existing law authorizes an urban water supplier that submits annual reports to the*

*California Urban Water Conservation Council in accordance with a specified memorandum to submit those reports identifying water demand management measures to the department for the purpose of meeting certain requirements in connection with the preparation of the supplier's urban water management plan.*

*This bill would authorize the urban water supplier to submit those reports for the purposes of meeting those requirements only if those reports document measures consistent with the requirements set forth in that memorandum.*

Vote: majority. Appropriation: no. Fiscal committee: yes.  
State-mandated local program: no.

*The people of the State of California do enact as follows:*

1 SECTION 1. Section 25401.9 is added to the Public  
2 Resources Code, to read:

3 25401.9. (a) The commission shall establish water-efficiency  
4 standards for residential and commercial water-using appliances  
5 and other-products water-using applications.

6 (b) The commission shall prepare and submit to the  
7 Legislature a report that sets forth recommendations regarding  
8 the utilization of water use ratings for appliances and products  
9 described in subdivision (a).

10 SEC. 2. Section 25402 of the Public Resources Code is  
11 amended to read:

12 25402. The commission shall, after one or more public  
13 hearings, do all of the following, in order to reduce the wasteful,  
14 uneconomic, inefficient, or unnecessary consumption of energy:

15 (a) Prescribe, by regulation, lighting, insulation climate control  
16 system, and other building design and construction standards that  
17 increase the efficiency in the use of energy for new residential  
18 and new nonresidential buildings. The standards shall be cost  
19 effective, when taken in their entirety, and when amortized over  
20 the economic life of the structure when compared with historic  
21 practice. The commission shall periodically update the standards  
22 and adopt any revision that, in its judgment, it deems necessary.  
23 Six months after the commission certifies an energy conservation  
24 manual pursuant to subdivision (c) of Section 25402.1, no city,  
25 county, city and county, or state agency shall issue a permit for  
26 any building unless the building satisfies the standards prescribed

1 by the commission pursuant to this subdivision or subdivision (b)  
2 of this section that are in effect on the date an application for a  
3 building permit is filed.

4 (b) Prescribe, by regulation, energy *and water* conservation  
5 design standards for new residential and new nonresidential  
6 buildings. The standards shall be performance standards and shall  
7 be promulgated in terms of energy *and water* consumption per  
8 gross square foot of floorspace, but may also include devices,  
9 systems, and techniques required to conserve energy *and water*.  
10 The standards shall be cost effective when taken in their entirety,  
11 and when amortized over the economic life of the structure when  
12 compared with historic practices. The commission shall  
13 periodically review the standards and adopt any revision that, in  
14 its judgment, it deems necessary. A building that satisfies the  
15 standards prescribed pursuant to this subdivision need not  
16 comply with the standards prescribed pursuant to subdivision (a).  
17 ~~The~~ *With respect to energy conservation design standards, the*  
18 *commission shall comply with this subdivision before January 1,*  
19 *1981. With respect to water conservation design standards, the*  
20 *commission shall comply with this subdivision before January 1,*  
21 *2008.*

22 (c) (1) Prescribe, by regulation, standards for minimum levels  
23 of operating efficiency, based on a reasonable use pattern, and  
24 may prescribe other cost effective measures, including incentive  
25 programs, fleet averaging, energy consumption labeling not  
26 preempted by federal labeling, and consumer education  
27 programs, to promote the use of energy efficient appliances  
28 whose use, as determined by the commission, requires a  
29 significant amount of energy on a statewide basis. The minimum  
30 levels of operating efficiency shall be based on feasible and  
31 attainable efficiencies or feasible improved efficiencies that will  
32 reduce the electrical energy consumption growth rate. The  
33 standards shall become effective no sooner than one year after  
34 the date of adoption or revision. No new appliance manufactured  
35 on or after the effective date of the standards may be sold or  
36 offered for sale in the state, unless it is certified by the  
37 manufacturer thereof to be in compliance with the standards. The  
38 standards shall be drawn so that they do not result in any added  
39 total costs to the consumer over the designed life of the  
40 appliances concerned.

1 (2) No new appliance, except for any plumbing fitting,  
2 regulated under paragraph (1), ~~which~~ *that* is manufactured on or  
3 after July 1, 1984, may be sold, or offered for sale, in the state,  
4 unless the date of the manufacture is permanently displayed in an  
5 accessible place on that appliance.

6 (3) During the period of five years after the commission has  
7 adopted a standard for a particular appliance under paragraph (1),  
8 no increase or decrease in the minimum level of operating  
9 efficiency required by the standard for that appliance shall  
10 become effective, unless the commission adopts other  
11 cost-effective measures for that appliance.

12 (4) Neither the commission nor any other state agency shall  
13 take any action to decrease any standard adopted under this  
14 subdivision on or before June 30, 1985, prescribing minimum  
15 levels of operating efficiency or other energy conservation  
16 measures for any appliance, unless the commission finds by a  
17 four-fifths vote that a decrease is of benefit to ratepayers, and  
18 that there is significant evidence of changed circumstances. ~~Prior~~  
19 ~~to~~ *Before* January 1, 1986, the commission shall not take any  
20 action to increase any standard prescribing minimum levels of  
21 operating efficiency for any appliance or adopt any new standard  
22 under paragraph (1). ~~Prior to~~ *Before* January 1, 1986, any  
23 appliance manufacturer doing business in this state shall provide  
24 directly, or through an appropriate trade or industry association,  
25 information, as specified by the commission after consultation  
26 with manufacturers doing business in the state and appropriate  
27 trade or industry associations on sales of appliances so that the  
28 commission may study the effects of regulations on those sales.  
29 These informational requirements shall remain in effect until the  
30 information is received. The trade or industry association may  
31 submit sales information in an aggregated form in a manner that  
32 allows the commission to carry out the purposes of the study.  
33 The commission shall treat any sales information of an individual  
34 manufacturer as confidential and that information shall not be a  
35 public record. The commission shall not request any information  
36 that cannot be reasonably produced in the exercise of due  
37 diligence by the manufacturer. At least one year prior to the  
38 adoption or amendment of a standard for an appliance, the  
39 commission shall notify the Legislature of its intent, and the  
40 justification therefor, to adopt or amend a standard for the

1 appliance. Notwithstanding paragraph (3) and this paragraph, the  
2 commission may do any of the following:

3 (A) Increase the minimum level of operating efficiency in an  
4 existing standard up to the level of the National Voluntary  
5 Consensus Standards 90, adopted by the American Society of  
6 Heating, Refrigeration, and Air Conditioning Engineers or, for  
7 appliances not covered by that standard, up to the level  
8 established in a similar nationwide consensus standard.

9 (B) Change the measure or rating of efficiency of any  
10 standard, if the minimum level of operating efficiency remains  
11 substantially the same.

12 (C) Adjust the minimum level of operating efficiency in an  
13 existing standard in order to reflect changes in test procedures  
14 that the standards require manufacturers to use in certifying  
15 compliance, if the minimum level of operating efficiency remains  
16 substantially the same.

17 (D) Readopt a standard preempted, enjoined, or otherwise  
18 found legally defective by an administrative agency or a lower  
19 court, if final legal action determines that the standard is valid  
20 and if the standard that is readopted is not more stringent than the  
21 standard that was found to be defective or preempted.

22 (E) Adopt or amend any existing or new standard at any level  
23 of operating efficiency, if the Governor has declared an energy  
24 emergency ~~pursuant to~~ *as described in* Section 8558 of the  
25 Government Code.

26 (5) Notwithstanding paragraph (4), the commission may adopt  
27 standards pursuant to commission order No. 84-0111-1, on or  
28 before June 30, 1985.

29 (d) Recommend minimum standards of efficiency for the  
30 operation of any new facility at a particular site that are  
31 technically and economically feasible. No site and related facility  
32 shall be certified pursuant to Chapter 6 (commencing with  
33 Section 25500), unless the applicant certifies that standards  
34 recommended by the commission have been considered, which  
35 certification shall include a statement specifying the extent to  
36 which conformance with the recommended standards will be  
37 achieved.

38 Whenever this section and Chapter 11.5 (commencing with  
39 Section 19878) of Part 3 of Division 13 of the Health and Safety  
40 Code are in conflict, the commission shall be governed by that

chapter of the Health and Safety Code to the extent of the conflict.

(e) The commission shall do all of the following:

(1) Not later than January 1, 2004, amend any regulations in effect on January 1, 2003, pertaining to the energy efficiency standards for residential clothes washers to require that residential clothes washers manufactured on or after January 1, 2007, be at least as water efficient as commercial clothes washers.

(2) Not later than April 1, 2004, petition the federal Department of Energy for an exemption from any relevant federal regulations governing energy efficiency standards that are applicable to residential clothes washers.

(3) Not later than January 1, 2005, report to the Legislature on its progress with respect to the requirements of paragraphs (1) and (2).

*SEC. 3. Section 381 of the Public Utilities Code is amended to read:*

381. (a) To ensure that the funding for the programs described in subdivision (b) and Section 382 are not commingled with other revenues, the commission shall require each electrical corporation to identify a separate rate component to collect the revenues used to fund these programs. The rate component shall be a nonbypassable element of the local distribution service and collected on the basis of usage. This rate component shall fall within the rate levels identified in subdivision (a) of Section 368.

(b) The commission shall allocate funds collected pursuant to subdivision (a), and any interest earned on collected funds, to programs that enhance system reliability and provide in-state benefits as follows:

(1) Cost-effective energy efficiency and conservation activities, *including, but not limited to, hot and cold water efficiency programs.*

(2) Public interest research and development not adequately provided by competitive and regulated markets.

(3) In-state operation and development of existing and new and emerging renewable resource technologies defined as electricity produced from other than a conventional power source within the meaning of Section 2805, provided that a power

1 source utilizing more than 25 percent fossil fuel may not be  
2 included.

3 (c) ~~The Public Utilities Commission~~ *commission* shall order  
4 the respective electrical corporations to collect and spend these  
5 funds, as follows:

6 (1) Cost-effective energy efficiency and conservation activities  
7 shall be funded at not less than the following levels commencing  
8 January 1, 1998, ~~through to December 31, 2001; for, inclusive, as~~  
9 *follows:*

10 (A) *For* San Diego Gas and Electric Company, a level of  
11 thirty-two million dollars (\$32,000,000) per year; ~~for.~~

12 (B) *For* Southern California Edison Company, a level of  
13 ninety million dollars (\$90,000,000) for each of the years 1998,  
14 1999, and 2000; ~~and fifty million dollars (\$50,000,000) for the~~  
15 ~~year 2001; and for.~~

16 (C) *For* Pacific Gas and Electric Company, a level of one  
17 hundred six million dollars (\$106,000,000) per year.

18 (2) Research, development, and demonstration programs to  
19 advance science or technology that are not adequately provided  
20 by competitive and regulated markets shall be funded pursuant to  
21 Section 399.8.

22 (3) (A) In-state operation and development of existing and  
23 new and emerging renewable resource technologies shall be  
24 funded at not less than the following levels on a statewide basis;  
25 ~~one as follows:~~

26 (i) *One* hundred nine million five hundred thousand dollars  
27 (\$109,500,000) per year for each of the years 1998, 1999, and  
28 2000; ~~and one.~~

29 (ii) *One* hundred thirty-six million five hundred thousand  
30 dollars (\$136,500,000) for the year 2001. ~~To~~

31 (B) *To* accomplish these funding levels over the period  
32 described ~~herein the San~~ *in subparagraph (A), all of the*  
33 *following applies:*

34 (i) *San* Diego Gas and Electric Company shall ~~spend~~ *expend*  
35 twelve million dollars (\$12,000,000) per year; ~~the Southern.~~

36 (ii) *Southern* California Edison Company shall expend no less  
37 than forty-nine million five hundred thousand dollars  
38 (\$49,500,000) for the years 1998, 1999, and 2000, and no less  
39 than seventy-six million five hundred thousand dollars  
40 (\$76,500,000) for the year 2001, and the Pacific Gas and Electric



1 Company shall expend no less than forty-eight million dollars  
2 (\$48,000,000) per year through the year 2001. ~~Additional~~

3 (C) *Additional* funding not to exceed seventy-five million  
4 dollars (\$75,000,000) shall be allocated from moneys collected  
5 pursuant to subdivision (d) in order to provide a level of funding  
6 totaling five hundred forty million dollars (\$540,000,000).

7 (4) Up to fifty million dollars (\$50,000,000) of the amount  
8 collected pursuant to subdivision (d) may be used to resolve  
9 outstanding issues related to implementation of subdivision (a) of  
10 Section 374. Moneys remaining after fully funding the provisions  
11 of this paragraph shall be reallocated for purposes of paragraph  
12 (3).

13 (5) Up to ninety million dollars (\$90,000,000) of the amount  
14 collected pursuant to subdivision (d) may be used to resolve  
15 outstanding issues related to contractual arrangements in the  
16 Southern California Edison service territory stemming from the  
17 Biennial Resource Planning Update auction. Moneys remaining  
18 after fully funding the provisions of this paragraph shall be  
19 reallocated for purposes of paragraph (3).

20 (6) The funding of in-state operation and development of  
21 existing and new and emerging renewable resources technologies  
22 shall be made available pursuant to Section 399.8.

23 (d) Notwithstanding any other provisions of this chapter, the  
24 commission may allow entities subject to its jurisdiction to  
25 extend the period for competition transition charge collection up  
26 to three months beyond its otherwise applicable termination of  
27 December 31, 2001, so as to ensure that the aggregate portion of  
28 the research, environmental, and low-income funds allocated to  
29 renewable resources shall equal five hundred forty million  
30 dollars (\$540,000,000) and that the costs specified in paragraphs  
31 (3), (4), and (5) of subdivision (c) are collected.

32 (e) Each electrical corporation shall allow customers to make  
33 voluntary contributions through their utility bill payments as  
34 either a fixed amount or a variable amount to support programs  
35 established pursuant to paragraph (3) of subdivision (b). Funds  
36 collected by electrical corporations for these purposes shall be  
37 forwarded in a timely manner to the appropriate fund as specified  
38 by the commission.

39 (f) For purposes of this article, “emerging renewable  
40 technology” means a new renewable technology, including, but

1 not limited to, fuel cells using renewable fuels and photovoltaic  
2 technology, that is determined by the State Energy Resources  
3 Conservation and Development Commission to be emerging  
4 from research and development and that has significant  
5 commercial potential.

6 (g) The commission's authority to collect funds pursuant to  
7 this section, for purposes of paragraph (3) of subdivision (b),  
8 shall become inoperative on March 31, 2002.

9 ~~SEC. 2.~~

10 SEC. 4. Section 2714.5 is added to the Public Utilities Code,  
11 to read:

12 2714.5. (a) The commission shall prepare and submit to the  
13 Legislature a report that describes and recommends an  
14 accounting method for evaluating the direct financial costs and  
15 benefits of water conservation and efficiency programs to  
16 customers of water corporations.

17 (b) The report described in subdivision (a) shall include  
18 recommendations with regard to the implementation of one or  
19 more water conservation and efficiency programs, *consistent*  
20 *with the policy objectives of the commission's Water Action Plan,*  
21 *adopted December 15, 2005.*

22 ~~SEC. 3.~~

23 SEC. 5. Chapter 11 (commencing with Section 560) is added  
24 to Division 1 of the Water Code, to read:

25  
26 CHAPTER 11. STATE BOND FUNDS  
27

28 560. No state bond funds may be allocated to a water supplier  
29 for a water project or program unless the supplier has ~~adopted~~  
30 *implemented* best management practices in accordance with the  
31 "Memorandum of Understanding Regarding Urban Water  
32 Conservation in California," as amended or the "Memorandum of  
33 Understanding Regarding Efficient Water Management Practices  
34 by Agricultural Water Suppliers in California," as amended.

35 SEC. 6. Section 10631 of the Water Code is amended to read:

36 10631. A plan shall be adopted in accordance with this  
37 chapter and shall do all of the following:

38 (a) Describe the service area of the supplier, including current  
39 and projected population, climate, and other demographic factors  
40 affecting the supplier's water management planning. The

1 projected population estimates shall be based upon data from the  
2 state, regional, or local service agency population projections  
3 within the service area of the urban water supplier and shall be in  
4 five-year increments to 20 years or as far as data is available.

5 (b) Identify and quantify, to the extent practicable, the existing  
6 and planned sources of water available to the supplier over the  
7 same five-year increments described in subdivision (a). If  
8 groundwater is identified as an existing or planned source of  
9 water available to the supplier, all of the following information  
10 shall be included in the plan:

11 (1) A copy of any groundwater management plan adopted by  
12 the urban water supplier, including plans adopted pursuant to  
13 Part 2.75 (commencing with Section 10750), or any other  
14 specific authorization for groundwater management.

15 (2) A description of any groundwater basin or basins from  
16 which the urban water supplier pumps groundwater. For those  
17 basins for which a court or the board has adjudicated the rights to  
18 pump groundwater, a copy of the order or decree adopted by the  
19 court or the board and a description of the amount of  
20 groundwater the urban water supplier has the legal right to pump  
21 under the order or decree. For basins that have not been  
22 adjudicated, information as to whether the department has  
23 identified the basin or basins as overdrafted or has projected that  
24 the basin will become overdrafted if present management  
25 conditions continue, in the most current official departmental  
26 bulletin that characterizes the condition of the groundwater basin,  
27 and a detailed description of the efforts being undertaken by the  
28 urban water supplier to eliminate the long-term overdraft  
29 condition.

30 (3) A detailed description and analysis of the location, amount,  
31 and sufficiency of groundwater pumped by the urban water  
32 supplier for the past five years. The description and analysis shall  
33 be based on information that is reasonably available, including,  
34 but not limited to, historic use records.

35 (4) A detailed description and analysis of the amount and  
36 location of groundwater that is projected to be pumped by the  
37 urban water supplier. The description and analysis shall be based  
38 on information that is reasonably available, including, but not  
39 limited to, historic use records.

(c) Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage, to the extent practicable, and provide data for each of the following:

- (1) An average water year.
- (2) A single dry water year.
- (3) Multiple dry water years.

For any water source that may not be available at a consistent level of use, given specific legal, environmental, water quality, or climatic factors, describe plans to supplement or replace that source with alternative sources or water demand management measures, to the extent practicable.

(d) Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.

(e) (1) Quantify, to the extent records are available, past and current water use, over the same five-year increments described in subdivision (a), and projected water use, identifying the uses among water use sectors including, but not necessarily limited to, all of the following uses:

- (A) Single-family residential.
- (B) Multifamily.
- (C) Commercial.
- (D) Industrial.
- (E) Institutional and governmental.
- (F) Landscape.
- (G) Sales to other agencies.

(H) Saline water intrusion barriers, groundwater recharge, or conjunctive use, or any combination thereof.

- (I) Agricultural.

(2) The water use projections shall be in the same five-year increments described in subdivision (a).

(f) Provide a description of the supplier's water demand management measures. This description shall include all of the following:

(1) A description of each water demand management measure that is currently being implemented, or scheduled for implementation, including the steps necessary to implement any proposed measures, including, but not limited to, all of the following:

(A) Water survey programs for single-family residential and multifamily residential customers.

- 1 (B) Residential plumbing retrofit.
- 2 (C) System water audits, leak detection, and repair.
- 3 (D) Metering with commodity rates for all new connections
- 4 and retrofit of existing connections.
- 5 (E) Large landscape conservation programs and incentives.
- 6 (F) High-efficiency washing machine rebate programs.
- 7 (G) Public information programs.
- 8 (H) School education programs.
- 9 (I) Conservation programs for commercial, industrial, and
- 10 institutional accounts.
- 11 (J) Wholesale agency programs.
- 12 (K) Conservation pricing.
- 13 (L) Water conservation coordinator.
- 14 (M) Water waste prohibition.
- 15 (N) Residential ultra-low-flush toilet replacement programs.
- 16 (2) A schedule of implementation for all water demand
- 17 management measures proposed or described in the plan.
- 18 (3) A description of the methods, if any, that the supplier will
- 19 use to evaluate the effectiveness of water demand management
- 20 measures implemented or described under the plan.
- 21 (4) An estimate, if available, of existing conservation savings
- 22 on water use within the supplier's service area, and the effect of
- 23 the savings on the supplier's ability to further reduce demand.
- 24 (g) An evaluation of each water demand management measure
- 25 listed in paragraph (1) of subdivision (f) that is not currently
- 26 being implemented or scheduled for implementation. In the
- 27 course of the evaluation, first consideration shall be given to
- 28 water demand management measures, or combination of
- 29 measures, that offer lower incremental costs than expanded or
- 30 additional water supplies. This evaluation shall do all of the
- 31 following:
- 32 (1) Take into account economic and noneconomic factors,
- 33 including environmental, social, health, customer impact, and
- 34 technological factors.
- 35 (2) Include a cost-benefit analysis, identifying total benefits
- 36 and total costs.
- 37 (3) Include a description of funding available to implement
- 38 any planned water supply project that would provide water at a
- 39 higher unit cost.

1 (4) Include a description of the water supplier's legal authority  
2 to implement the measure and efforts to work with other relevant  
3 agencies to ensure the implementation of the measure and to  
4 share the cost of implementation.

5 (h) Include a description of all water supply projects and water  
6 supply programs that may be undertaken by the urban water  
7 supplier to meet the total projected water use as established  
8 pursuant to subdivision (a) of Section 10635. The urban water  
9 supplier shall include a detailed description of expected future  
10 projects and programs, other than the demand management  
11 programs identified pursuant to paragraph (1) of subdivision (f),  
12 that the urban water supplier may implement to increase the  
13 amount of the water supply available to the urban water supplier  
14 in average, single-dry, and multiple-dry water years. The  
15 description shall identify specific projects and include a  
16 description of the increase in water supply that is expected to be  
17 available from each project. The description shall include an  
18 estimate with regard to the implementation timeline for each  
19 project or program.

20 (i) Describe the opportunities for development of desalinated  
21 water, including, but not limited to, ocean water, brackish water,  
22 and groundwater, as a long-term supply.

23 (j) Urban water suppliers that are members of the California  
24 Urban Water Conservation Council and submit annual reports to  
25 that council in accordance with the "Memorandum of  
26 Understanding Regarding Urban Water Conservation in  
27 California," dated September 1991, may submit the annual  
28 reports identifying water demand management measures  
29 currently being implemented, or scheduled for implementation, *if*  
30 *those reports document measures consistent with the*  
31 *requirements of that memorandum*, to satisfy the requirements of  
32 subdivisions (f) and (g).

33 (k) Urban water suppliers that rely upon a wholesale agency  
34 for a source of water, shall provide the wholesale agency with  
35 water use projections from that agency for that source of water in  
36 five-year increments to 20 years or as far as data is available. The  
37 wholesale agency shall provide information to the urban water  
38 supplier for inclusion in the urban water supplier's plan that  
39 identifies and quantifies, to the extent practicable, the existing  
40 and planned sources of water as required by subdivision (b),

1 available from the wholesale agency to the urban water supplier  
2 over the same five-year increments, and during various  
3 water-year types in accordance with subdivision (c). An urban  
4 water supplier may rely upon water supply information provided  
5 by the wholesale agency in fulfilling the plan informational  
6 requirements of subdivisions (b) and (c).

O